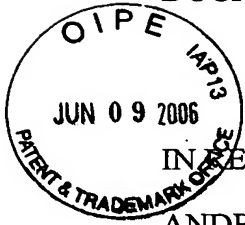


DOCKET NO: 230420US26YA

IN THE UNITED STATES PATENT & TRADEMARK OFFICE



IN RE APPLICATION OF :

ANDREJ S. MITROVIC

: EXAMINER: SAXENA, AKASH

SERIAL NO: 10/673,583 :

RCE FILED: HERewith

: GROUP ART UNIT: 2128

FOR: SYSTEM AND METHOD FOR
USING FIRST-PRINCIPLES
SIMULATION TO PROVIDE VIRTUAL
SENSORS THAT FACILITATE A
SEMICONDUCTOR MANUFACTURING
PROCESS

AMENDMENT UNDER 37 C.F.R. § 1.114

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

In response to the Office Action dated March 9, 2006, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 16 of this paper.

06/12/2006 JADD01 00000015 10673583

02 FC:1202

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